

(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関  
国際事務局



(43) 国際公開日  
2004 年 4 月 15 日 (15.04.2004)

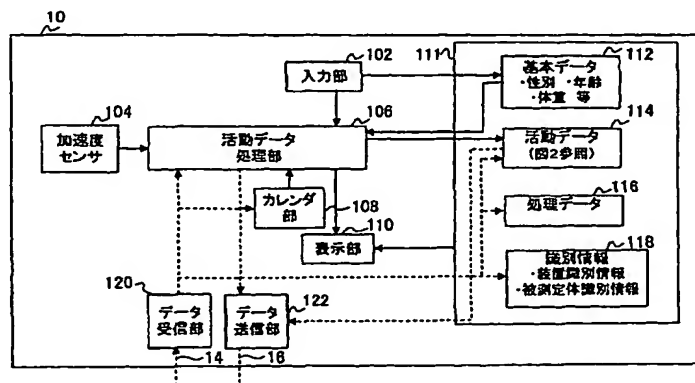
PCT

(10) 国際公開番号  
WO 2004/030540 A1

- (51) 国際特許分類<sup>7</sup>: A61B 5/22, 5/11, G06F 17/60 (72) 発明者; および  
(75) 発明者/出願人 (米国についてののみ): 松本 雅世 (MATSUMOTO, Masayo) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 太田 幸治 (OTA, Koji) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 中川 都 (NAKAGAWA, Miyako) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 荻原 由記彦 (OGIHARA, Yukihiko) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 田中 喜久人 (TANAKA, Kikuto) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 吉田 正輝 (YOSHIDA, Masateru) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP). 横地 裕 (YOKOCHI, Hiroshi) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 株式会社スズケン内 Aichi (JP).
- (21) 国際出願番号: PCT/JP2003/012467
- (22) 国際出願日: 2003 年 9 月 30 日 (30.09.2003)
- (25) 国際出願の言語: 日本語
- (26) 国際公開の言語: 日本語
- (30) 優先権データ:  
特願2002-290517 2002 年 10 月 2 日 (02.10.2002) JP
- (71) 出願人 (米国を除く全ての指定国について): 株式会社スズケン (SUZUKEN CO., LTD.) [JP/JP]; 〒461-8701 愛知県 名古屋市東区東片端町 8 番地 Aichi (JP).
- (続葉有)

(54) Title: HEALTH MANAGEMENT SYSTEM, MEASUREMENT DEVICE, AND DATA PROCESSING DEVICE

(54) 発明の名称: 健康管理システム、活動状態測定装置及びデータ処理装置



102...INPUT SECTION

104...ACCELERATION SENSOR

106...ACTION DATA PROCESSING SECTION

108...CALENDAR SECTION

110...DISPLAY SECTION

120...DATA RECEPTION SECTION

122...DATA TRANSMISSION SECTION

112...BASIC DATA: SEX, AGE, WEIGHT, ETC.

114...ACTION DATA (SEE FIG. 2)

116...PROCESSING DATA

118...IDENTIFICATION INFORMATION: DEVICE IDENTIFICATION INFORMATION, EXAMINEE IDENTIFICATION INFORMATION

(57) **Abstract:** For effective health management guidance, data obtained by a measurement device is effectively processed and information useful for health management is provided. For this, an action state measurement device (10) measures a biological movement of an examinee by an acceleration sensor (104), action data is stored in a storage section (114), identification information for identifying the examinee is stored in an identification information storage section (118), and stored action data and identification information are transmitted to a data processing device (20). A biological examination result database (30) is connected to a data processing device (20) and history of the biological examination result data is related to the identification information on the examinee when stored. The data processing device (20) is communicably connected to the action state measurement device (10) so as to receive action data and output a health management report created according to the action data and the history of the biological examination result data in the biological examination result database identified by the identification information.

(続葉有)

WO 2004/030540 A1

## ABSTRACT

So that health management advice is effective, the present invention effectively processes data that was obtained using a measuring device, and presents useful information for health management.

5 For this purpose, a measuring device 10 measures movement of a subject using an acceleration sensor 104, stores activity data in a storage part 114, stores identification information specifying the subject in an identification information storage part 118, and transmits the stored activity data and the identification information to a data processing device 20. A medical examination result database 30 is connected with the data processing device 20, and medical examination result data history is correlated  
10 with the identification information of the subject and is stored. The data processing device 20 is connected with the measuring device 10 for mutual communication, receives the activity data, and outputs a health management report produced on the basis of the activity data and on the basis of the medical examination result data history in the medical examination result database, this having been specified by the identification information.

15